May, 1975
Vol. 21 — No. 1
Fifty Cents

Precision

SHOOTING

a magazine for shooters by shooters

PRECISION SHOOTING

PUBLISHED MONTHLY BE PRECISION SHOOTING, INC.

Editorial and business offices at
Box 6
Athens, Pa. 18810
Tel. 717-888-7801

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Precision Shooting is published monthly by Precision Shooting, Inc. Rates: U.S., Canada and Mexico $6.00 a year; $11.00 for 2 years; all other countries $7.00 each year.

Place of Publication — Elmira Quality Printers, Inc., Elmira, New York. Second-class postage paid at Elmira, New York.

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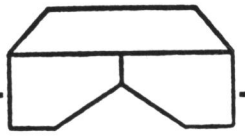

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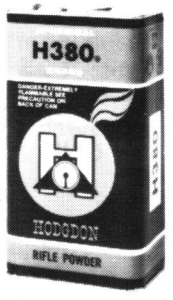

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IBS Memo

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The annual membership fee is $10.00 — Life membership in IBS has been set at $125. Apply to the recording secretary for enrollment. IBS Affiliated Club Memberships $10.00

New rule books now available, with minor changes — plus IBS By-Laws at $1.00 per copy.

IBS Charter Membership Patches and regular patches are available at $2.00 each.

When ordering **Charter Membership patches** please indicate your 1970 Card number.

"The Editor's Hour"

The Englishtown Benchrest Shooters will be making a winter match schedule change. The May 17 match has been moved to May 10.

The reason for this is the Mainville Sportsman Club May 17 and 18 200-300 yard match. The Englishtown match (unregistered) will start with Heavy Varmint at 9:00 a.m. and be followed shortly thereafter, approximately 3:30 p.m., by a Hunter match.

In addition, they will run a special match for factory 40-X rifles as an introduction for new non-competition oriented shooters. Special awards will be given for the 40-X shooters.

At long last! Redfield Gunsight Company announces full production of the 6400 Receiver Mounted Target-Varmint Scope. This long advertised, long awaited scope is now available according to a Redfield spokesman.

Along with the announcement of full production, I received my evaluation copy of that particular scope. Packed in a pretty red, foam lined box the 24 power beauty appeared, at first glance, to be well made and is definitely attractive.

Carrying some 3200 look-alike features and some definitely new ones (parallax adjustment for one) the 6400, which will be given a complete rundown as soon as I can break away for extensive work with it, was mounted on my red hot .222 Heavy Varmint rifle.

Revealing that the optics are OK the scope-rifle combination worked well enough for a .3066 aggregate at Camillus, New York on its first time out. Being satisfied that performance was going to be no problem the scope was removed and plans made to put it on a new .308 barreled rifle during load development work. That way I can kill two birds with one rock; or is it one scope?

As soon as the full treatment can be given I will report it to you as a separate product report. At this point things look good.

* * *

Remember the old 6 bull practice target that John Dewey was offering for sale? It is here again! Ron Whitaker, of Sojourns International, Jamaica, New York, is marketing this target for practice use. The samples sent to us are entirely adequate for the job and carry the address for orders when the supply runs out and the address is misplaced. This product is also advertised in the Trading Post section of Precision Shooting, along with prices. If you are in need of practice targets, and who isn't, Ron can provide prompt delivery. Also available is a five bull Hunter practice target of similar quality.

* * *

The Trading Post section of this issue carries a unique item for sale in the "Warning: Protected by Armed Ctizen" stickers which are offered by Mr. Marvin Thiel. Priced at 6 for $2.00 they are either decal or sticker type which lends them to both window and surface application. Well done in red and black this 2 by 3 3/4 inch banner announces a message which might be a deterent to those with evil intent. See the Trading Post for details.

* * *

The Consumer Product Safety Commission situation as reported last month appears to be developing in our favor in that the commission has requested that their authority in the areas of cigarets and firearms be severely restricted by congressional action.

It would appear that they have taken a tiger by the tail and are afraid to let go for fear that they will be eaten by their prize. Help has been requested so that they can escape from the menace.

Do not allow this to become a message that we have won for we have not. This issue must be settled in the slow moving halls of Washington before we are safe on that count. Then there will be others with different proposals which are equally as assinine and totally unrelated to the solution of any of our major problems. But try they will, till they either wake up to the fact that they are on the wrong track or slip one in on us when we allow our guard to drop.

To counter this, keep the letters rolling in to the offices of all your elected officials, both locally and nationally, so that our point of view is made known. Keep letters polite, to the point and filled with supporting data to back up your feelings. Nothing can beat honesty in the long run.

* * *

As this is written, the signs of spring are evident, the winter matches are grinding to an end and plans are made to get the summer season off and running.

As you read this the first testing of the new equipment has been done and optimism is running high with regard to the chances for success this year. Check the match schedule for the dates of your favorite matches and plan on attending. It promises to be a good year. Look for some new activity and perhaps a few new clubs with registered matches to offer as the year wears on. We are excited about it and hope to see you at some of the many matches during 1975.

* * *

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President's Message

Several rule changes and clarifications were made at the annual meeting to help solve the problem of shots fired before the commence fire and after the cease fire commands. The words, "load and lock" were omitted from the command. No bolts are to be closed before the commence fire command. It is now clear that anyone firing before the commence fire or after the cease fire, accidently, or otherwise, will not qualify for that match or aggregate.

In the past, range officers and referees have complained that often they couldn't determine where the offending shots were fired from. The range officer has power to stop the match and use all means available to enforce the rules. This should not be necessary. No one likes to be a "fink" but this is the only way. The shooters must police the shooters.

Experience has proven that enforcing the rules to the letter makes for a better match. Let's help those range officers and referees.

The 1975 revised rule book should be in print by the time you read this. They are available by mail from the office of the recording Secretary. I plan on having a supply with me at all matches I attend. The cost will be $1.00 per book.

Sincerely,
Jack Deming

Cover Story

There is a bit of the collector in each of us. Mr. Guy Lautard, of West Vancouver, British Columbia, forwarded a story to me some time ago for approval. It sparkled with interest and pictures were taken by Mr. Lautard. Finally, or so it appeared to my eager eyes, the pictures arrived and the story is being offered for your pleasure.

Loading and case forming dies, backed by the author's "Find of a Lifetime" Biesen-built .244. Note the lubed, gas checked Lyman No. 245496 atop the scope's elevation cap. Other highlights are a gracefully swept back bolt handle and perfect checkering of the stock. Cases are formed from 30-06 brass in RCBS dies.

Hornady Bulletin Board

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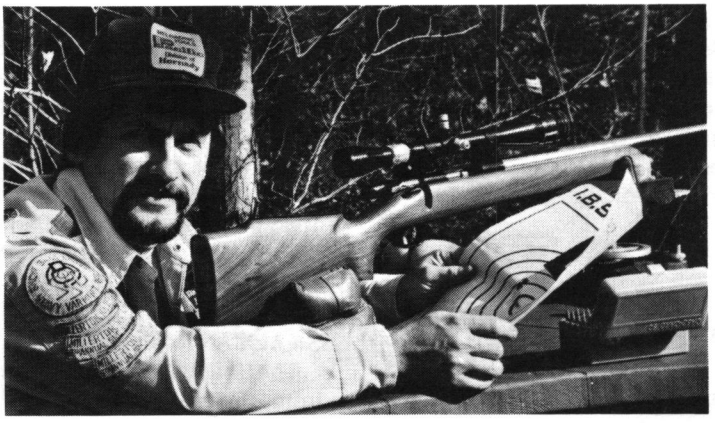

Bob White, Chester, N.J., is not only one of the nation's top bench rest shooters, he's a fine custom gunsmith as well. He writes: "I stocked and bedded a Remington 722 for the International Bench Rest Championships at Mainville, Pa., last fall. For my bullet, I decided to use your new 30 cal. 168 gr. rebated boat tail. The enclosed target (.541 center-to-center) proved to be the smallest fired in the 300 yard championship—setting a new IBS record. Thanks for a great bullet."

Bob White

Precision shooters, like Bob White, are continually proving the competitive advantages of Hornady Boat Tail Match Bullets. And you can, too. Secant ogive design gives our bullets a longer, more slender shape for a higher ballistic coefficient, reducing time of flight and consequently lessening wind drift. Hornady's unerring devotion to uniformity in manufacturing provides the concentricity of form that insures accuracy. Simply speaking, Hornady boat tails will go where you aim them...and they'll help you score better. They're available in 7mm 162 gr. and 30 cal. 168 and 190 gr.

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I have an addition to be inserted in my article on "Misplaced H.M. Pope Accessories."

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Barrel No.	**Missing**	**Missing**
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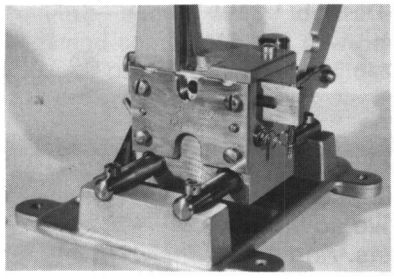

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BITS of HISTORY from the pages of SHOOTING & FISHING Magazines

As most of you know the RIFLE magazine came out in 1885, then from 1888 into 1906 it was called SHOOTING & FISHING, then ARMS and THE MAN, and finally in 1922 to current it has been called The AMERICAN RIFLEMAN Magazine.

The following information was taken from the volume, number, page, and date of the issue of SHOOTING & FISHING: I hope that some of it may be of interest to many of you readers:

Vol. 7, No. 1, page 11, October 31, 1889:

In reply to a query to the editor, his answer: "No rifles of smaller caliber than .40 were ever made by The Sharps Rifle Company."

Vol. 7, No. 12, page 9, January 16, 1890:

Announcement is made of The Union Metallic Cartridge Company coming out with a .25 rim fire cartridge and, as usual, Stevens will chamber new rifles, and rebore old .22 rifles for it.

Vol. 10, No. 11, page 16, July 9, 1891:

Harry M. Pope shows up at Newark, N.J. shooting his new .25-30-99 muzzle loading rifle having a gain twist starting at the breech with 1-turn-in-16-inches and ending up at the muzzle with a turn in 8-inches. He was sixth place in most of the matches with this new rifle, and he continued shooting this rifle until it became ruined in late 1892. I think this was his second .25 caliber rifle since in his catalogue of 1899, printed while he was still at Hartford, Conn., he stated that his first .25 caliber was for a straight case holding 25 grains of black powder. The case he made on his foot powered lathe.

Then in Volume 16, No. 13, page 251, July 14, 1894 he showed up at the Hartford, Connecticut rifle range with a new rifle in .33-47-218 caliber, muzzle loading and fitted to a Winchester high wall action with double set triggers. Within a year or less time more than 10% of the better shooters at Eastern matches were using Pope barrels.

Vol. 10, No. 21, page 6, September 17, 1891:

The J. Stevens Arms & Tool Company announce and illustrate their new "SURE SHOT" rifle.

Vol. 15, No. 22, page 439, March 3, 1894:

The J. Stevens Arms & Tool Company announces a new model rifle action, and rifles, the action being termed the 44 type. Prior to this they had been manufacturing their Tip Up, Side-Plate Favorite, and the Sure Shot Rifles; along, of course, with their line of shotguns.

Vol. 16, No. 4, Page 69, May 17, 1894:

The Union Metallic Cartridge Company announce a new .25-25-86 cartridge, and Stevens is ready to furnish rifles barreled and chambered for it.

Vol. 16, No. 18, page 366, August 23, 1894:

I quote: "The Massachusetts Arms Company, Chicopee Falls, Mass. which has for so many years manufactured the MAYNARD rifle, has announced its

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intention of retiring from the gun making business, and already a portion of the machinery has been disposed of. The Maynard rifle for many years has remained popular through all the improvements and introductions of new rifles. This may be taken as evidence of its merits. It is understood that the cost of production of this rifle, with the old machinery and the limited size of the plant, made it impossible to compete with other rifle makers."

Vol. 21, No. 23, page 468, March 25, 1897:

The Winchester Repeating Arms Company shows pictures of their new Schuetzen rifle on the high wall action and the new Schuetzen model double set triggers installed in it.

Vol. 22, No. 2, page 27, April 29, 1897:

Again The Union Metallic Cartridge Company announces a new cartridge in 25-21-86 caliber, and Stevens is ready with rifles barreled and chambered for it. Thus you will note that the .25-21-86 cartridge came out some 3 years after the .25-25-86 cartridge.

Vol. 22, No. 9, page 166, June 17, 1897:

There appears an article on the new .22 caliber in .22-15-60 brought out by The Union Metallic Cartridge Company, and again as usual, the Stevens people are ready to furnish rifles barreled and chambered for it. Also, Mr. Barlow, of The Ideal Manufacturing Company, announces reloading tools and two bullet moulds, one with flat and one with sharp point in weights varying from 40 to 90 grains; all for this new high speed twenty-two caliber.

Vol. 23, No. 8, page 149, December 9, 1897:

The J. Stevens Arms & Tool Company first notice of the new model 54 rifle on the type 44 action.

Vol. 29, No. 4, page 77, November 8, 1900:

The J. Stevens Arms & Tool Company announce a new rifle in caliber 28-30-120, and The Union Metallic Cartridge Company is ready with ammunition for it. The Ideal Company with reloading tools and bullet moulds in this caliber. Ideal also stated that the diameter of the bullet is .285-inch and proper diameter for the then in use Pope .28 caliber rifles.

Vol. 33, No. 20, page 418, February 26, 1903:

The Remington Arms Company illustrates and announces their new model 7 target and sporting rifle.

Vol. 36, No. 4, page 68, May 5, 1904:

Editorial and line drawing on the new Remington-Hepburn UNDER LEVER Schuetzen rifle stating that realizing the popularity of the muzzle loading system among expert riflemen it will be furnished with Remington-Walker barrel with false muzzle and complete outfit, as well as with the regular Remington breech loading barrel.

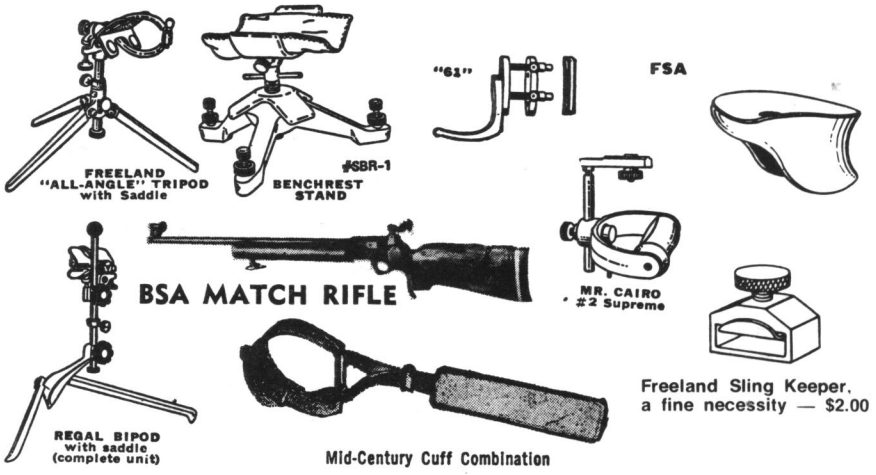
Then again in Vol. 36, No. 7, page 122, May 26, 1904: Remington Arms Company illustrates and announces the Remington-Hepburn Schuetzen rifle calling it the UNDER LEVER SCHUETZEN rifle. Vol. 36, No. 6, page 108, May 19, 1904:

The J. Stevens Arms & Tool Company announces and illustrates their new general catalogue (they never date them you know) No. 51 showing the new 44 1/2 and 044 1/2 type action rifles. It is my understanding that the final design on the 44 1/2 was completed sometime during 1903. Those of you who have a copy of this No. 51 issue and have always wondered (I did) when it was issued, now you know.

Vol. 39, No. 26, page 531, April 5, 1906:

The Ideal Manufacturing Company came out with the first gas check, and Ideal bullet No. 308284 made especially for gas checks.

FOR THE SHOOTER BY A SHOOTER



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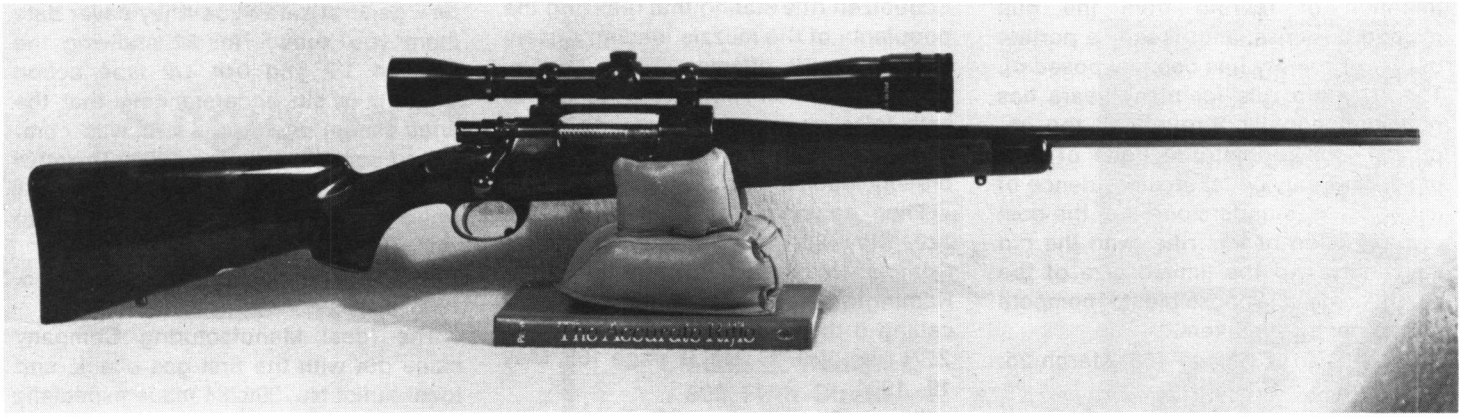

Built more than 14 years ago by Al Biesen of Spokane, this 6mm Remington will shoot groups well under an inch with good loads. Lyman 20X LWBR replaced 3-9X Redfield, Note sleek Conetrol Bridge Mount.

THE FIND OF A LIFETIME

by Guy Lautard
2570 Rosebery Avenue
West Vancouver, British Columbia
Canada V7V 2Z9

In 1972 I was living and working in a remote northern mining community on the shore of one of the largest lakes in B.C. I had my wife talked about as far into the idea of me buying a new rifle as I am ever likely to get her, but the supply of available intriguing guns was limited.

There was a mint condition pre '64 M70 Alaskan — .338 Win. Mag. — I could never quite coax its owner "over the hump".

A low serial number Ruger No. 1 Single Shot with 4X Weaver and a $300 price tag was looked over long and hard before being passed up — the No. 1 is a beautiful gun, but that particular one didn't seem to fit the bill. I got pretty keen about the No. 1 Standard Rifle in 30/06 and decided that was what I should go for — brand new.

A week long business trip in March '72 gave me an opportunity to do some hunting around for the Ruger I had in mind. Asking at one store, I drew the reply, "No, but if you're interested in a good rifle, there's one here you should see — have a look at this."

The Spokane gunmaker's work had not gone unnoticed in pages of Gun Digest, but this was the first Biesen custom rifle I'd ever actually seen. Built on an FN Mauser action, it carried checkered steel butt plate and grip cap, fleur de lies checkering without a flaw, and a 3 X 9 Redfield in 2 piece Redfield mounts. Stamped "244 Rem", its 22" medium weight barrel was rifled 1 turn in 10". It appeared to be in virtually new condition — NRA Excellent. I took one hell of a long look at that Biesen before reluctantly handing it back to the guy behind the counter.

The next day, I learned that my job responsibilities were to be increased, and likewise my salary, by a healthy 30%, effective immediately. The $400 price tag on the Biesen shrank perceptibly to my eye — I went and had another look.

Well, to make a long story shorter, about 2 months later, I phoned my brother and told him to buy it. He made it an excuse to come up for a visit, bringing the Biesen, blanket-padded and plywood-boxed, 750 miles by train and car. He also picked up a Lee Loader in 6mm and a box of Sierra 85

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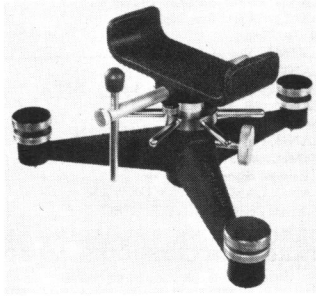

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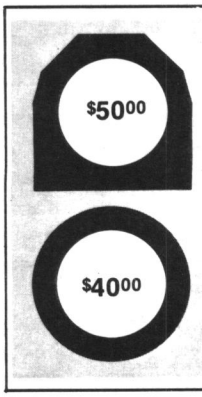

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grain hollow point boattail bullets. The next morning we headed out to visit an accuracy-nut gunsmith I'd ferreted out on a back road some 50 miles away.

The three of us looked over the Biesen and old Frank allowed as how it'd probably cost whoever had ordered it around $850.

Frank got out his cleaning rod and took a reading on the exact bore length. Next, with the Powley computer, a load of 37.5 grains of 4350 was doped out for the 85 grain Sierras. Seven rounds were loaded using new unprimed Norma brass. Frank checked the scope with his collimator and we repaired to the range outside the shop. A fresh target was put up at the 100 yard backstop, and I suggested Frank do the first shooting.

Frank is a fine shot and an accuracy hound if ever there was one. If a rifle won't shoot it's barely fit to prop open the door, in his book. So he said we'd find out now if we had a door prop or a RIFLE. He turned the scope up to 9X and settled down to do some serious shooting, first sending two rounds into the backstop to foul the barrel.

When he opened the bolt on the last round I headed for the target like a hound dog trying to outrun a load of buckshot. The five holes in the target were in a neat .75" cluster.

Back in the shop, Frank measured the 5 cases with his vernier caliper and selected one closest to the 6mmm's 2.333" minimum length.

"What are we going to do now?", I asked him.

"Well, now, you run a brush through that hot .244" tube you got there, boy, then push a couple of clean dry patches through it while I weigh up another charge."

When I had done so, Frank handed me a fresh target and the reloaded case and told me to see what I could do. Leaving the Biesen at the bench, I walked up to the 100-yard backstop and tacked the target in place. Returning to the bench, I got into position and after a couple of painfully long attempts, got off the shot. Back to the shop.

"Now what?"

"Same thing, boy, you brush and dry that bore, while I reload this case."

Five times. And this time the group measured an even .60". It had been a tough decision to buy, second hand, a rifle I'd never shot, but the worrying and anticipation were well rewarded— and my theory borne out — "if it's meant for you, it'll be there when you make up your mind — if not, it'll be sold, no matter how fast you make up your mind." (I missed a good Springfield that way, one time, by about three minutes.)

In the course of the next two months I shot the Biesen only once, again getting groups in the 3/4" class. Later, having quit my job at the mine, we moved to a larger center, and a new job. I took the Biesen out to the local rifle range a couple of times and finished off the box of Sierras. Again, groups were under 1". As a cast bullet rifleman through and through I was happy to see the last of the Sierra's— fine bullets, but good only to test the accuracy potential of the rifle. The next project is to see what accuracy we can squeeze out of an 85 grain Lovern type cast bullet — and that, happily, we have not yet found out, although we are working on it. Alox lube has licked an off-the-paper-in-20 shots problem we ran into with early cast bullet loads in the rifle. One of Bob Brownell's Latigo slings has replaced the somewhat worn sling which was on the little Six when I bought it.

As this rifle is destined for benchrest and farm field varmint hunting, the Redfield 3-9 has been removed for more rough and tumble pursuits on a pre-64 M70 in 257 Roberts. A 20X Lyman LWBR now sits aboard the Biesen, rock solid in a Conetrol bridge mount and Custom rings. This may seem a rather drastic glass for a varmint rifle, but there will rarely be a time afield when I can't find some sort of a rest, and if I can't, I can tolerate passing up a few shots. At the bench, 20X and the 1/4-minute dot reticle of the LWBR gives me an unbeatable sight picture, and the LWBR design is completely in keeping with the classic lines of Al Biesen's work. My 16X - 1 1/2" Unertl would have served as well, but it would look rather out of place.

R.C.B.S. 30/06 — 6mm case forming dies were acquired and have been used to turn out a good supply of first class cases from cheaply acquired 270 brass. An R.C.B.S. neck size die set for cast bullets, will handle 50 rounds — at a time loading assignments, while the Lee Loader will see duty for at-the-bench loading chores and for resupply during extended varmint hunting trips afield.

I wrote to Al Biesen describing the rifle and he was able to tell me only that it had been built in early 1961. He sent along his catalog, and at today's prices, I doubt if this rifle could be duplicated for $1200. Duplicated? — sorry about that Al, not even you could do that, even if you or I wanted — it's one of a kind, and for me, the find of a lifetime. Like Kesselring* said, "We've all let a few good ones slip through our hands", — but not this one, not me, anyway.

*of Kesselring's GUN Shop, Burlington, Washington.

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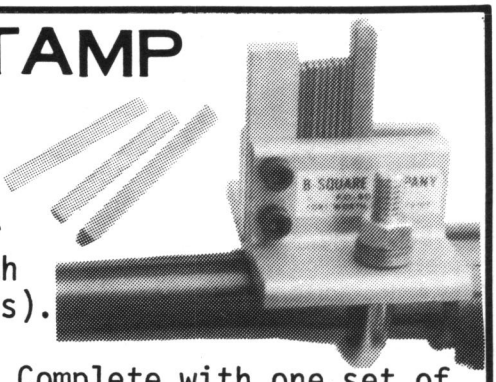
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Benchrest Feature

by Lt. Col. Rick Hornbeck
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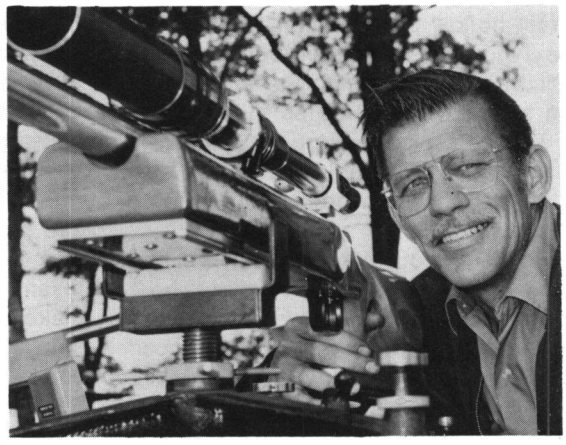

IT'S GOTTA BE PERFECT

The benchrester who is out to win matches is very much aware of the importance of good bedding. At least he better be. No single item will cut into a rifle's performance deeper or quicker than improper bedding, stock wood movement or bedding failure. Very often we get tied up in checking and improving(?) brass, attempting to improve scope mounts and other items when we should be concerned about just how good and uniform the bedding of our rifle is.

Back about 1961 I first wrote in these pages about Devcon and how I was using it. Over the years it has become a widely used material for bedding. There have been a number of improved techniques developed by others over the years in the use of Devcon.

During the 1950's, glass bedding of one sort or another came into wide use. It was a step in the right direction, but it didn't go far enough. We were all trying to use a basic product that was not intended for what we were using it for. In the first place, when working with glass bedding compounds, epoxy's and the like, we can get some wild results which we may or may not be aware of. The basic chemical make-up of such products, for example, may cause some degree of shrinkage during proper hardening and curing. We are hard pressed to find out how much except by trying some particular product and then seeing if it does the job we expected of it. This shrinkage, regardless of how good the finished bedding looks complete with proof marks, tool marks, etc., from the action and barrel can result in poorer bedding than we could have gotten by just putting the barreled action in wood without bedding. There are products that have excessive shrinkage during harding still on the market and they are sold for bedding. If you use one that gives you perfect bedding, that's great. Stay with it. But some makes will let you down and not do the job that we require.

Devcon, if mixed as directed in the instructions, will result in very little shrinkage. A one inch square will shrink .005" if Devcon Plastic Steel A is used. And since we are not using nearly that thickness, shrinkage is something less. Devcon F-2 which is recommended by Jim Stekl for the barrel-bedding method (Precision Shooting, March .74) will shrink .001". Shrinkage, however, in the barrel-bedding method is of no importance as long as that shrinkage is uniform, and Devcon offers that characteristic.

(**Editors Note:** In this day of space-age compounds there are several other available materials which may be more handy in your vicinity. Most of the epoxy based materials offer this shrink-free advantage. Check with your local hardware store or chemical supply house for data and assistance. R.R.M.)

A rifle that shoots as well as we think it should may have even better abilities because the bedding isn't perfect. And to get the very best performance, bedding's gotta be perfect. But it is silly to re-bed a rifle just because it might have some flaw. We should have a good indicator before we go pulling our price stick apart.

The late Bob Hart covered one method that can be used in these pages (Precision Shooting, April .72). Bob's method, briefly, uses a .0001" indicator fastened to the barrel and indicating against the forearm. The forearm is physically pulled or pressed from it's normal position and allowed to return toward it's normal relation to the barrel. The amount of difference on the indicator indicates the stability of the bedding and to some degree, of the wood. This is a very valid indication. We must take into consideration, however, the heaviness of the forearm, type of wood, stock design, etc. Bob recommended tolerances of .0004" for a 13 1/2 lb. rifle and .0008" for a 10 1/2 lb. rifle. The heavy bench rifle should come back to zero.

There are a number of shooters who are using torque wrenches to assure uniform bedding pressure from match to match and day to day. On the surface, this may be a valid approach. But the torque applied one day with one relative humidity may be great enough to bend the action or sleeve, while on another day with some other relative humidity it may not. If Bob Hart's indicator idea is used with, and during, the use of the torque wrench application, a true indication of bedding pressure is obtained. Without it, there can be a major difference with some degree of action and barrel movement that is not detected. And not to be forgotten for a moment, torque wrench or not, a 1/4-28 screw, or a like size, can apply a huge amount of pressure on the action and sleeve. How many screws have you seen that were stripped or partly stripped from over torquing without the use of a torque wrench?

Which leads us to a very valid positive check of bedding. Again, the kind of rifle we have dictates how we do the checking. With the use of Bob's indicator making contact on the bottom of the forearm, loosening and tightening an action screw will promptly indicate if we have any rocking around or movement of the action and barrel in relation to the stock. I would pass this thought on to the rail run shooters: Have you ever checked for movement when loosening and tightening a single screw in the barrel block? You might get some interesting indications if all is not perfect.

Let's check a heavy varmint, 13 1/2 lb., rifle that is sleeved. We will assume that we have two screws located in the usual position at the rear tang and at the forward end of the action and, in

addition, a screw at the mid-point of the portion of the sleeve that is forward of the action and around the barrel. We clamp the indicator to the barrel and indicate on the bottom of the forearm. We hold the rifle in a padded vise or vertically by hand in the area of the rear tang. Setting the indicator at zero, we loosen the forward screw that is pulling on the sleeve under the barrel. We hope to see no change on the dial indicator. And there should be none. If there is, we have the sleeve bent downward or the rear tang screw is pulling down the back end of the action, depending on which way the indicator moved. Regardless, we have the sleeved action and bedding in a bind. I might be satisfied for a match with a movement of .003"-.004", but I'm personally going to do something about it when I get home.

With conventional actions and only two screws, at the tang and the forward end of the action, the rear tang screw can be loosened and we make the same kind of check. A warning — do not loosen the screw at the front of the action with the rear tang screw tight, for this will wipe out perfect bedding every time. The rear screw is always loosened first, and tightened last.

A periodic check of this sort is highly recommended. We have a heavy bench rifle, it's stock being laminated walnut. This stock's forearm section moves around to some degree all the time and is dependent on the relative humidity of it's current location. Hot and humid in Ohio, the indicator moves .006" when the front screw in the sleeve is loosened, while the other sleeve screw and the two screws in the action give no change on the indicator. This same rifle, when stored in our shop area which is air conditioned with a relative humidity of 45% to 50%, gives an error of .003" after 24 hours, and in three days, the error is gone. No amount of re-bedding will change this situation although we continue to try to correct it. Some stocks are that way, and if the error is so great that is unacceptable or cannot be correct, a new stock is about the only way out.

I want to stress that these checks on bedding require some thought and attention to what we are about. We are working with errors that are down in the .001" region and without close attention we can get some wild indications that are not due to bedding problems, but by some mistake in our procedures. Think about it before you do it, and evaluate your results.

I might inject another point here. have found that when bedding with Devcon, the new bedding should be given at least a week to cure before initial removal of barrel and action. I have had my best bedding jobs when I wait somewhat longer than is usually practiced. Case in point; One rifle was bedded in 1963, has had three barrels changed for new ones and the indicator is always zero when the above checks are made. This bedding was left undisturbed for six days when initially bedded. I think the wait is worth it, although we are always eager to see how the finished job looks and shoots. In addition, I think we get a better overall job if we can do our bedding in an environment with a relative humidity of 40 to 55%.

My mail indicates that some shooters are having trouble finding a source where they can get Devcon. If you do, write Devcon Corporation, Danvers Massachusetts and ask for a list of dealers in your area. You'll get a prompt answer.

We might take this subject just one step further. Very often, if a check is made with the indicator as discussed to this point, and the indicator gives movement, it is possible that there is nothing wrong with the bedding. What has happened is that we put too much pressure on the screw driver or allen wrench when we tightened the action screws up, or that the stock has taken on enough moisture to swell the wood and has pulled the action down even harder, and not necessarily uniformly. Of course the screws have got to be something more than snug, but we can get carried away, too. The rear tang screw is always the least tight, less torque than the others.

We can often, with the use of the indicator, apply the required torque on the action screws for proper action and bedding contact without indicator movement. Wood, as well as fiberglass stocks, can be pulled out of shape, the bedding moving with the wood. So perhaps we have a screw just a little too tight and all that is necessary is a slight change of torque on that screw. The dial indicator, along with a feel for the amount of pressure being applied on the action screws, can produce the proper situation and no correction in bedding is necessary.

One thing is for sure. The shooter that shoots little groups all the time is doing some dandy doping of range conditions and the bedding on his rifle is perfect.

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Technical Column

M.H. Walker
Technical Editor
R.D. 1, Warren Road
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"SHOT-OUT"

First, let me express the hope that your retirement from Remington is what you wanted and that you are happy with it.

Next, I think I've been a pretty good boy and have not bothered you with questions for quite a while (by my standards, of course) but now I find I need your expert knowledge.

From all I can find to read about "when" a barrel is "shot out" there seems to be some degree of agreement that groups start 'enlarging' in an overall pattern. Not just horizontally or vertically. My concern in this area of problem(s) is that of late my Remington stainless barrel has been tending to string vertically.

As it is epoxied to the stock — I don't see how it can be a bedding fault. And, as I'm still shooting the same bullet with the same load and same primer (20.5 gr. 4198, 52 gr Sierra and Rem 7 1/2s) I can't see it as a load problem. I even went so far as to change scope mounts — although I'm at a loss as to how to check a scope for possible loose "innards."

As I have been shooting cast bullets a lot lately — Saturday before the last Sno-Ball shoot I really scrubbed the barrel. Conditions at Blue Trail were quite good and there were a lot of small groups printed. I agg'd .8631" and found that the first three shots printed: 10 ring, then an inch low and 3rd an inch plus high. In almost a straight line. After some 14 rounds later on record No. 2 I managed just over a half inch but still strung up and down. The same pattern followed pretty much at the second session at the bench.

I guess the barrel could be considered "gone" as it's got over 5000 rounds through it (about 1300 since Art Freund cut it off and rechambered) — but I can't seem to accept WHY vertical dispersion and not horizontal. Any clues?

If it is really over the hill, what are your views about having someone like Bill Atkinson re-bore it to 6mm and make a 6x47 out of it, or even a 6mm .222 cited in the current issue of RIFLE mag?

Thanks for any advice or comments you'd care to offer.

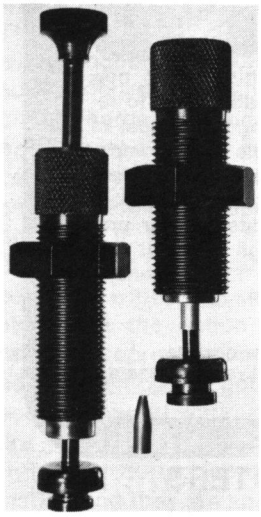
Mr. Ron Whitaker
Sojourns International, Inc.
161-10 Jamaica Ave.
Jamaica, New York 11432

You are right that groups open uniformly with increased barrel life. 5000 is more than most 222 barrels will go. Nevertheless, your groups should not be vertical.

It is suggested that you either increase your load or seat your bullets out or both. Barrels wear first in the throat and some increase in powder charge is usually required as the throat is eroded away.

My experience with reboring is nil. I can't offer any worth-while advice on this. I can't understand why this process is economically feasible. If the same care and workmanship goes into reboring as went into the original barrel the cost should only be different by the cost of the material.

M. H. W.



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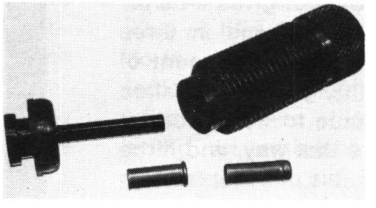

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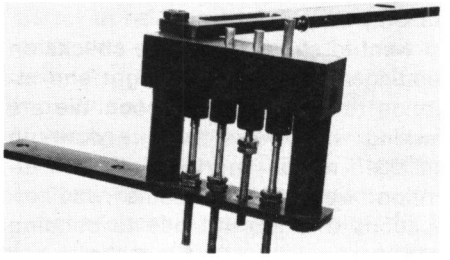

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"WHAT IS GOOD ENOUGH?"

I took PRECISION SHOOTING for one year but lost interest in all the news about who shot what, where the next shoot was going to be (usually some thousand miles or so from here) so I let it run out. However, I miss your column. I'm re-upping for another year to try to get some information on how to achieve more accuracy in the sporting weapons that I shoot. My greatest interest lies in the developing of loads for a .17ACK BEE, .22/250, 6mm Rem, .270 W, 7x57, 7mm Rem Mag and a couple of .30/06s.

Since Bench rest has not seemed to catch on in the South I limit my B-R shooting to my sporting, or what I call my "working guns." However, I recently bought a case neck gauge and a case/bullet concentricity gauge. Boy! What that an eye-opener. I use all RCBS reloading equipment that I feel is some of the best production stuff available, though I know it is not in the class with straight line dies that cost an arm and a leg. I can't afford to junk all the stuff I have so what can I do to get the most good out of what I have? I have found some of my full length resized cases showing as much as .008 inch lack of concentricity. How do you reduce all these variables with present equipment? I would like to hear from you, of course, but realize you probably run a tight schedule. Though if you could address yourself to some of the problems encountered by duffers like myself it would be of great help to those of us who are trying to learn to walk before trying to run.

By the way, how much eccentricity is acceptable between case and case neck in my type of shooting — I guess you'd call it semi-benchrest, since I do shoot off the bench, but do not care (yet) to getting a ten pound tube bolted to an equally heavy log. I'll appreciate any help you can offer me. Many thanks. I'll look for your column again.

Dr. Frank S. Beard
P.O. Box 68
Albertville, Alabama 35950

Enclosed is a copy of correspondence mailed to a benchrest shooter recently.

Best accuracy will be obtained if the bullet to case body eccentricity is held to less than .002" indicator. Lack of concentricity on the sized neck is usually chargeable to excessive sizing. Neck sizing only is recommended. The amount of sizing should be limited to just enough to hold the bullet adequately. When everything is right the sizing plug will only expand the neck .001" or .002", or less. This can be accomplished either by increasing the neck size in the die, with emory cloth on a stick, or by reducing the thickness of the case necks by outside turning or inside reaming. As you can probably deduce the way the case neck enters the necking portion of the die has a lot to do with eccentricity. Case necks should be trimmed square and chamfered inside and outside. The die should have a polished and concentric entrance lead where the neck enters.

If the load allows seating the bullets into the lands, bullet eccentricity seems to be less important.

M. H. W.

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IMR-4831—For optimum results in magnum loads. Slowest burning of the current canister series. Produced for the first time by Du Pont specifically as a canister powder.
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SR-4759—No powder can duplicate it in single-shot rifle cartridges and cast bullet rifle loads.

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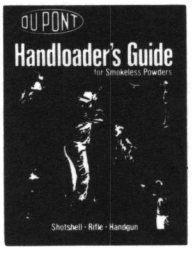
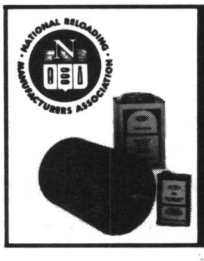


The next time you visit your dealer, ask for your free copy of our all-new Handloader's Guide—40 pages of reloading data for rifle, handgun, shotshells.

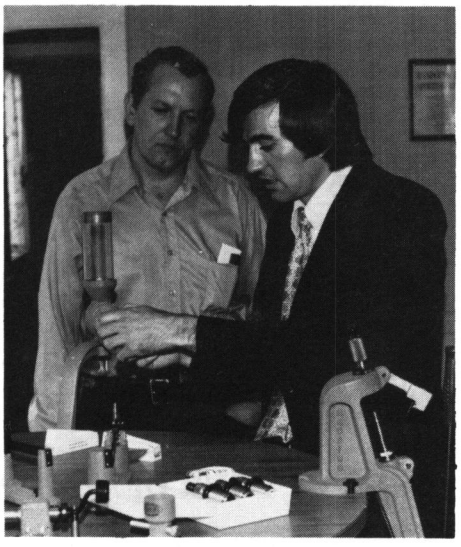


DU PONT
Smokeless Powders

A Visit With REDDING HUNTER

For thousands of shooters and reloaders the name of Redding brings forth memories of their first reloading scale. Many of these early scales are still in use. Being aware of the fine products turned out by this company for some time a visit was planned to take place during my summer vacation when time is a little less demanding. July of 1974 found the completion of that visit, and a very interesting visit it was.

Redding Hunter was, at that time, in the process of reorganization following the purchase, by Jack Porter, Stan Farrell and Richard Beebe, of the firm from Mr. Burr Bement who was the original owner. As is usually the case in such events the new owners were caught between picking up the pace of the old business and the demands of expanding their own ideas. I arrived in the middle of all this.

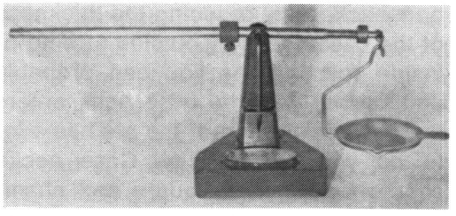


Jack Porter, Redding-Hunter Vice President and Richard Beebe, President (R) with their lobby display of company made products.

My guides were Jack, who is an IBS member, and Dick and they did everything possible to explain their operation to me.

Visitors are greeted at the front entrance by a display of the different reloading products which are produced there. It is a pleasant display with the Redding Hunter green shining a bright welcome.

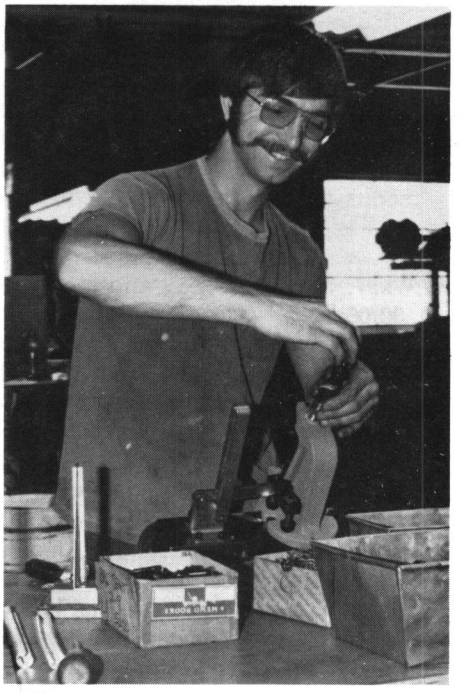
The first few minutes were spent around this display as a preliminary to what was planned for me later. Next we went to the office area and discussed the past, present and future as they relate to the company. It was during this time that the picture of the first scale was drawn from a file folder and examined.



The original Redding Powder and Bullet Scale as made in 1947.

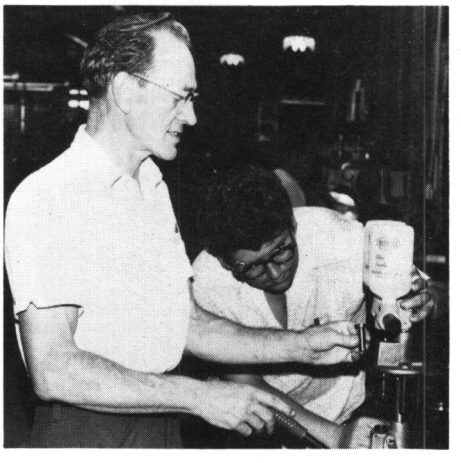
Made first in 1947 this primitive (by today's standards) tool was a great step in easing the chore of the reloader. Selling for $6.50 it included a set of weights and tweezers to handle them while setting the scale. Currently the Redding Hunter line includes two scales and they are both of excellent quality and carry reasonable prices.

Moving from the offices to the factory area we passed through the shipping area where orders were being filled from stock. Dick informed me that they were the first manufacturer to make their own complete line of reloading equipment. No parts or items are made outside the plant. Many of the orders were going to foreign countries and Jack noted that they have established a major market in foreign countries.



Mike Douglas working at the final assembly and inspection station. Time spent here is saved by lowering returns for minor servicing.

Next to the shipping department was the assembly area where each tool is assembled and tested prior to packaging. Using a set of inspection and alignment tools each item is fitted so that it will perform satisfactorily for the customer. The five minutes or so that this job requires is saved many times over for customer complaints are often avoided. Quality was emphasized throughout our visit and this step was one of many that keeps this foremost in the minds of employees.



Morris Congdon and Nick Christy check the tooling on the new 32 Super Shotshell Press.

PRECISION STAYNLESS STEEL MATCH TARGET BARRELS

Blanks in calibers .224, 6mm, 6.5 mm, 7mm and .25 and .30 calibers available.

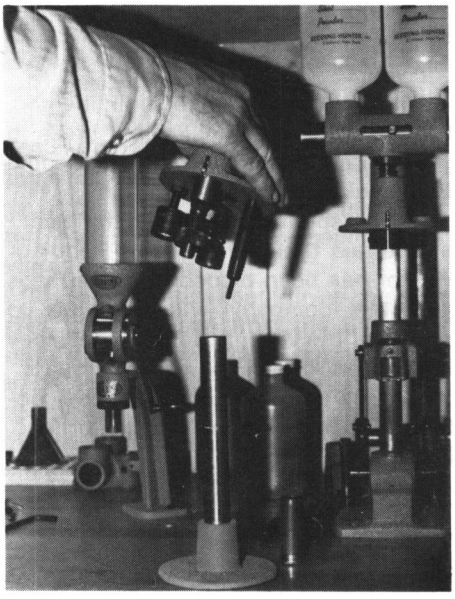
also .22 rim fire blanks.
For prices and particulars, write:

Hart Rifle Barrels, Inc.

LaFayette, New York 13084, R.D. #2 Telephone Tully, N. Y. Area 315 NX 6-5624

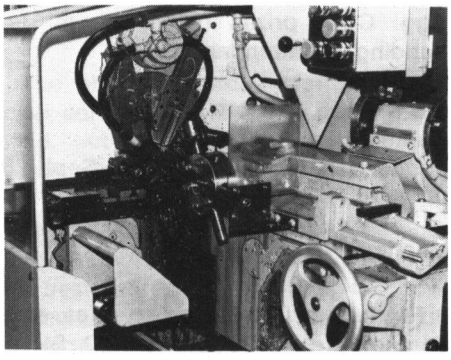
Our visit preceeded the release of a new shotshell press and the final tooling was being done while we were talking with Jack and Dick.

Identified as the Model 32 Super this press features interchangeable heads so that the switch from one gauge to another does not take much time. The additional head is reasonably priced and a stand for the spare head is available. Look for this press to fill a definite need.



The Model 32 Super Shotshell Press with extra head and head stand.

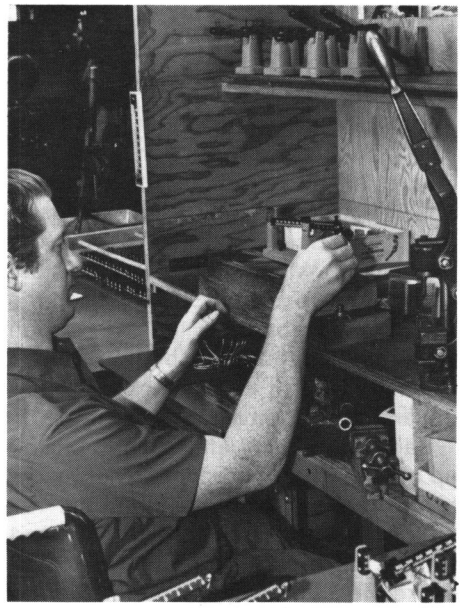
The atmosphere within the plant was one of pride and each employee worked on his job with as much concern as he would have if he were doing his own work. The pace was obviously not geared to total production, but rather to a good job. Each area was neat and pleasant, noise was obviously missing and production was going well. Within this atmosphere things have got to be better than in the rat-race of some industries today.



An automatic machine making reloading die blanks.

Automatic machines are employed where possible yet the very nature of the product requires a lot of hand work to make a good job even better.

One area of hand work was the corner where Larry Rawson performed the final adjustments on the Model 1 and 2 scales. Using a few fixtures, a few tools and a lot of experience he swiftly and deftly managed to adjust and balance most of the scales on the first try. For those which needed further adjustment a skilled snip with wire cutters always removed just enough of the pan holder wire to bring things into line. A point here is that no efforts to readjust a Redding scale should be made by the customer. Do not try to take out any of the shot which is placed in the pan for that is not the way to adjust a scale. It is recommended that the scale be carefully packaged and returned to be adjusted. This service is gladly performed by Larry and the scale is returned promptly.



Larry Rawson skillfully adjusts each Scale before it is packaged.

After viewing the facility and obtaining information it was lunch time so we broke the entire affair in favor of good food. It was over lunch that the product line was discussed in some detail. Using their recent catalog as a guide we find that a Model 1 and Model 2 Reloading Scale are produced. The Model 2 is the top model with magnetic dampening. A Model 5 Powder Trickler, with a solid feel, compliments these two scales.

The Redding "Master" Powder Measure needs no introduction for it has long been a favorite with a lot of reloaders. Noteworthy is the ability to change from Universal chamber to Pistol chamber simply by turning a lock screw and making the change. I found this feature to be very important when I discovered that none of my current stock of measures would throw pistol powders. They all had cavities which were too large for the small charges.

Economy minded reloaders can purchase a Model 4 Measure which throws from the powder tube to a hand held metering chamber. The charge is then poured from the chamber into the case. Each of these measures will perform well.

A Bench stand for the "Master" measure and a Powder Funnel close out the measure area.

The Model 7 "C" press is the standard line and it performs a variety of reloading chores with ease. Mine has served well for the time that I have used it. No Fancy-Dan, it does its job and offers real utility.

For those who use the Turret Press Redding-Hunter's Model 25 is for you. Available in four or six station head it should serve the user of this type press well. The one that I inspected appeared to be well made and operated smoothly.

Accessories for the presses include an Automatic Primer Feed, a real metal Primer Catcher and a Primer Arm Assembly.

The dandy of the accessories is a Case Lube Kit which appears to be a miniature set of kitchen tongs to remove corn-on-the-cob from the kettle. Inside of each tong is a felt pad which is lubricated and the tongs are pressed against the case to apply the lub. It is easier to operate than tell about and comes with a tube of lube for a fantasticly low price. It is worth more than that just to keep the grease off of fingers.

Of course the company produces reloading dies to be used in their presses! A wide variety is offered and they feature all steel construction without chrome plating. Well made and handsome to look at and they perform just as well.

Dies offered me a chance to experience the concern of this company for I managed to obtain a set which did not meet the specs for that particular caliber. As sure as your car will work like a charm when you take it to the garage there is a scheme that delivers the one in a million error into the hands of a shooting editor. I got it!!

(Next page please)

Since this was an off-the-shelf die I felt certain that it would be a minor error and I called the company. In short order I had a new set of dies which performed admirably.

In fact, I soon had a chance to abuse a die beyond the call of duty. Being somewhat prone to discussion with friends while reloading I managed to get a case stuck in a full length sizing die and pull the rim completely off of a .308 Norma Magnum case. "Don't panic!" said I as I felt my heart pound. Having noticed that the stem of the die appeared to be heavier than some others on my shelf I decided to use it to force the case out of the die.

A pair of Vice Grips was fastened to the stem and the lock-ring was loosened. Around and around went the stem and down went the case till the two separated. The case was pulled over the expander button and the die was reassembled. The only damage was to the top of the stem where the Vise Grips flattened the knurling. Try that with some of your dies. Though probably not recommended proceedure it does reflect that the dies are well made and can perform excellent service in a pinch.

Rounding out the Redding Hunter line are two Cast Trimmers. The Model 14 is the standard and the 14K is the top of the line job. Both feature a unique cutter bar that trims, deburrs and chamfers the case all in one operation. That's handy when a lot of cases stare back at you. The Model 14K is full of holes for extra pilots, has a tapped hole for a neck brush and built-in large and small primer pocket cleaners. The only thing missing is power steering.

Economy minded reloaders can buy a Redding "Supercharger" Powder Measuring Kit to go with the choice of press and dies. This kit contains a Model 1 Scale, a Master Powder Measure, a Model 5 Powder Trickler and a Model 6 Bench Stand. Called the 101 it has a brother, the 102, which varies only in that the Model 2 Scale is used. By buying either package a few dollars can be saved.

Back at the plant after lunch I picked up a sample kit of products. These were taken from stock and included the 102 "Supercharger", a "C" Press and various accessories. It was my job to shake them around, beat on them or do any other things that I could to see if they were OK.

As mentioned earlier the first die was not up to par. It was replaced and did its job till I sold the rifle that it was loading for. The rest of the equipment worked as planned and I can report no problems with any of it.

One unique feature of the "Master" measure is that it has the shortest throw of any measure that I have used to date. I had a bit of a problem getting used to the shorter motion but once I got the hang of it things smoothed out. This measure can also be converted to either right hand or left hand by reversing the drum and handle. The only problem is that the motion is opposite but that is minor to those who will value this capacity capability.

As with any other measure the charges are only as good as the operator can make them. My measure performed with satisfaction on a variety of powders. What more can be asked of a measure?

I have already expressed my delight with the case lube kit but I will mention it again. It was a high point for I do not like the mess of case lube which invariably gets onto and into everything. This little beauty is far better than the lube pads which have been standard for years.

For those who are shotshell oriented, I look for the Model 32 Super press to grow as it becomes available. It should be a welcome addition.

Having spent some time in the plant I am certain that the future of Redding-Hunter has been placed in good hands and the company will continue to produce the fine products that they have been known for over the years.

For further information or prices contact Redding-Hunter, Inc., Cortland, N.Y. 13045.

TRADING POST

Groups of figures, abbreviations and initials count as words. Hyphenated word counts as two words. Name and address of advertiser is counted. Use full words instead of initials and abbreviations and make your meaning entirely clear.

Classified type ads: no display. **Rates:—** 10c per word per insertion, prepaid. Minimum charge $1.00. Closing date for ads is the last Saturday of the month preceding publication.

HEAVY VARMINT .222 Hart No. 3 action and barrel. 2 ounce trigger. Fiberglass Stock. 140 rounds fired. $400.00. Edward Hahn, Phone 717-898-8830.

* * *

"WARNING — Protected by Armed Citizen."
These colorful stickers are just the thing for your home, auto, business, etc. They are 2x3 3/4 inches and come 6 to a set. Just $2.00 for each set. Order yours today. Marvin Thiel, Box 55, Athol Springs, N.Y. 14010.

* * *

ALUMINUM ACTION SLEEVE — for 700 Remington. 1 7/8 x 17 long. Price $75.00. THE FERGUSON'S, Rt. 149 and Farrell Hill Rd., Deering, N.H.

* * *

TARGETS: 6 frame Varmint or 5 bull practice Hunter on 10 1/2 x 12" tagboard. 25 for $2.00 plus 65 cents postage/handling. NY add sales tax. Ron Whitaker, 89-15 Parsons, Jamaica, N.Y. 11432.

* * *

MICROMETER CONVERSIONS FOR SAECO MEASURES, See Hornbeck June '73.

Conversion only	$30.00
Saeco Measure	29.50
Saeco Stand	6.50
Quick Detachable Unit ..	12.00
Complete Package	$78.00

F.O.B. Pleasantville, **Seely Masker,** 261 Washington Ave., Pleasantville, N.Y. 10570, Telephone 914-769-2627.

RIDGE SPORTSMEN'S CLUB, INC.
Unregistered Match Schedule for 1975
Range located on Hill Road
2 miles Southwest of Hilton

Heavy Varmint Rifle Matches
Starting Time - 10:30 A.M. Sharp

First H.V. Match	June 29
Second H.V. Match	July 13
Third H.V. Match	Sept. 7

All Heavy Varmint Rifle Matches and H-B: 6 - 5 shot matches are fired at 100 yds.; 6 - 5 shot matches are fired at 200 yds.; first match at each range are warm-up matches; last 5 matches at both ranges are computed for Grand Agg. Cash prizes paid, amount depending on attendance.

Hunter Rifle
Hunter Rifle and
Odd Ball Match ..... Sept. 28
Starting Time - 12:30 P.M.
Any gun — Any Site,
Target to match

For further information on rules, etc., contact: T. H. Boughton; 410 Stone Road; Rochester, New York 14616; phone 663-7637, area code 716.

DUNHAM'S BAY FISH & GAME CLUB SHOOT REPORT
February 2, 1975

What a beautiful day for a match! Sky was clear as a bell, chilly at about twenty degrees, but only light winds. There were a dozen scores under .200, two by Norm Dixon who set a new range record of .2302. Small group was a .086 by Charlie Fountaine. Forty eight shooters were on hand.

We had four additional shooters in the sporting rifle class, and several spectators who want to give it a try in two weeks. Norm St. Pierre fired a 98 out of 100 on the Hunter target using a Remington 660 Carbine in .308 caliber and a six power Lyman scope. This will be a tough act to follow. Elmer Hills and Paul Rudman tied for second with scores of 80.

There were representatives present from Stittsville and from the Snowball League to discuss the possibility of home and home matches for a suitable trophy. We fire on an alternate weekly schedule with each, so we hope that we will be able to arrange a match that will see teams from all three areas meeting in head to head competition. More on this at a later date.

Top ten in Heavy Varmint were:

Norman Dixon	.2302
Charlie Fountaine	.2474
Dave Burke	.2706
Lee Euber	.3040
Allie Euber	.3078
Walt Hills	.3098
Bob Reid	.3380
Dick Brownell	.3406
Myron Williams	.3464
Walt Hodges	.3664

Top five in Hunter were:

Francis Vahle	245-11X
Seely Masker	244-10X
Dick Brownell	238- 3X
Norm St. Pierre	237- 1X
Bob Reid	229- 4X

February 17, 1975

The shoot yesterday started under ideal conditions — light snow and no wind, but deteriorated into one that would make the minister swear. The sun kept breaking through enough to give you frustrating light changes and unexplainable flyers. Overall, we had the best scores ever, with .3348 good for no better than tenth place out of thirty three shooters. Charlie Beach was consistent with a .097 for small group and a .2312 aggregate.

Our hunting rifle class has been catching on, and except for the shooting of Norm St. Pierre, the shooters have been closely bunched. Norm has been unbelievable with his little Remington 660 308, firing scores of 98 and 99 out of a possible 100 on the Hunter target. We're trying to think of some sort of handicap for him, like shooting one target off-hand or something.

There was much interest in the Transcontinental Hunter Rifle League, and we expect to join with them this Summer for their series of shoots. I believe we could give a good account of ourselves in this class, and it will spark more interest in the local shooting during what has been the quiet season locally. More on this later.

Top ten in H.V. were:

Charles Beach	.2312
Allie Euber	.2766
Walter Hills	.2890
Charles Fountaine	.3004
Norman Dixon	.3120
John Hollister	.3122
Neil Lafforthun	.3144
Myles Hollister	.3160
Normand St. Pierre	.3268
Gordon Euber	.3348

Top in Hunter Class were:

William Fish	245-7X
Ira Farnsworth	244-8X
Normand St. Pierre	242-5X

Sporting Hunter Rifle

Norm St. Pierre	99-2X
Ira Farnsworth	93
Elmer Hills	90
Norm Dixon	89

Charles Fountaine,
Reporter

CBRSA
1975
Snowball Benchrest League

The newly formed Connecticut Bench Rest Shooters Assoc. is well on its way. The membership is growing with every match and so is the reality of having a Registered Match by the end of the summer.

Charles Lyman, owner of the Blue Trail Range, told us that he would take care of the bulldozer to push back the 2nd. 100 yds. to give us 25 firing points for 100 and 200 yds. registered matches.

The range has plenty of room for camping and the snack bar puts out a good meal. The club is in the process of building a moving backer system and as soon as it is completed we are looking forward to our first Light and Heavy Varmint Match.

On January 12, we held out first match and the turnout was very good — 14 shooters for the Hunter Class and 22 shooters for Heavy Varmint.

Unregistered Hunter

1. R. Tonnesen	244-8
2. B. Reid	243-7
3. I. Farnsworth	242-7
4. M. Farnsworth	239-4
5. F. Krowchenko	237-2
6. J. Robinson	236-6
7. S. Popper	234-2
8. R. Desjardin	229-4
9. E. Wilson	226-4
10. G. Waltz	216-1

Unregistered Heavy Varmint

1. J. Kohler	.3894
2. B. Reid	.4046
3. C. Santarpia	.4646
4. C. Mossakowski	.4662
5. C. Pickwick	.4710
6. E. Wilson	.4797
7. N. Lafforthun	.4924
8. J. Vinci	.4984
9. R. Whitaker	.5002
10. E. Ferguson	.5212
D. Smith Warm Up	.321

The second Snowball Match was held on January 26 with a Registered Hunter Match dominating the shoot.

Registered Hunter

1. R. Tonnesen	240-3
2. I. Farnsworth	238-5
3. E. Wilson	235-2
4. S. Masker	234-5
5. G. Waltz	234-3
6. C. Mangante	233-3
7. R. Desjardin	233-3
8. B. Reid	233-3
9. M. Baron	231-4
10. M. Farnsworth	230-3
11. J. Robinson	223-3
12. Anderson	185-1

Unregistered Heavy Varmint

1. S. Silver	.3908
2. C. Santarpia	.5048
3. B. Reid	.5336
4. C. Pickwick	.5600
5. C. Mossakowski	.5686
6. R. Tonnesen	.5992
7. C. Mangante	.6204
8. M. Baron	.6208
9. J. Vinci	.6214
10. J. Kohler	.6364
Bette Popper Warm Up	.198

Hans Koch,
Match Director

DUNHAM'S BAY FISH & GAME CLUB
Winter Match Report
March 2, 1975

Ten shooters came down from Stittsville today to answer the challenge for a home and home match that we sent last week. Considering the conditions, and shooting for the first time on our range, they made a very creditable showing. We pulled ten names out of a hat to oppose them, and were able to squeak out a .3950 to .4424 win for this half of the shoot. We expect to send a team up there on March 23rd, and will average the total of the two shoots to determine a winner. Everyone had a great time, and these were a fine bunch of sports representing the Canadian team. I really think that this will prove to be very interesting in the future, and wonder how many other clubs have tried this to help stimulate more interest.

Scores for the challenge match were:

Stittsville team	.4424
G. Fields	.3140
R. Brownell	.3242
R. Thomas	.3326
W. Tubman	.3470
L. Benedict	.4134
S. Fields	.4516
S. Young	.4790
C. Benedict	.5410
E. Young	.5852
K. VanDuyse	.6362
Dunham's Bay team	.3950
A. Euber	.2964
D. Burke	.3258
W. Hodges	.3424
T. Boise	.3584
N. Dixon	.3956
C. Fountaine	.3976
I. Farnsworth	.3986
C. Beach	.4036
Myles Hollister	.4292
M. Williams	.6024

Top five in Hunter class were:

Normand St. Pierre	241-3X
Bob Reid	240-7X
Ira Farnsworth	234-3X
Jim Robinson	233-3X
Don Badger	232-5X

Top ten in Heavy Varmint were:

A. Euber	.2964
N. St. Pierre	.3054
G. Fields	.3140
D. Brownell	.3242
D. Burke	.3258
J. Hollister	.3278
R. Thomas	.3326
W. Hodges	.3424
W. Tubman	.3470
R. Reid	.3542

Small group of the day was .141 by Ira Farnsworth.

March 16, 1975

Beautiful weather, but lousy conditions would be the best way to describe what forty shooters faced at Dunham's Bay yesterday. Bright sun and a mild breeze were the order of the day, but it reminded me of the conditions at Fassett last year. With twenty or so flags flying, no two were going the same way except the ones going straight up and fluttering. Dick Brownell had a .084 group on the first target, but don't ask about his second.

The contest of the day was between Dave Hollister and Walt Hodges. Dave pulled out a .174 and .195 on his last two targets, as Walt lost one tough shot to see his first victory go slipping by. There were several terrific four shot groups, three of them by Charlie Straight, but that one shot —

We send a delegation to Stittsville next Sunday to complete the match series of two weeks ago. Looking forward to a good time.

Top ten in Heavy Varmint were:

Dave Hollister	.3004
Walter Hodges	.3206
Dave Burke	.3520
Norm St. Pierre	.3844
John Hollister	.3908
Bob Reid	.3990
Charlie Beach	.4100
Allie Euber	.4136
Tom Boise	.4260
Neil Lafforthun	.4340

Top five in Hunter were:

Norm St. Pierre	247-10X
Bob Reid	241- 4X
Jim Robinson	234- 5X
Walt Hodges	229- 5X
Gary Duffy	224- 2X

Tops in Sporting rifle were:

Elmer Hills	.88
Tim St. Pierre	82
Paul Rudman	80
Don Badger	73

Charles Fountaine,
Reporter

SOUTH CREEK WINTER LEAGUE SHOOT REPORT

January 5, 1975

1. Jack Gutchess	.3008
2. John Moulthrop	.3306
3. Art Blensinger	.3878
Small Group John Matyas	.126

January 19, 1975

1. Dick Ellinger	.3542
2. Wally Hart	.3574
3. Jerry Arnold	.3654
Small Group Terry Arnold	.180

February 2, 1975

1. Ritchie Moorhead	.2986
2. Lynn Congdon	.3752
3. Art Blensinger	.4022
Small group Carl Driscoll	.122

February 16, 1975

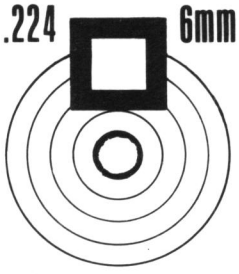
1. Dick Ellinger	.2552
2. Ira Whitney	.3116
3. Wally Hart	.3152
Small group Ira Whitney	.108

March 2, 1975

1. Carl Lynn	.3938
2. Ritchie Moorhead	.3982
3. Art Blensinger	.4084
Small group Harry Monnell	.220

Perry L. Morton

.224 6mm



Custom made hand-swaged benchrest bullets made in precision Simonson bullet-making dies. The following are stock items and are available for immediate delivery:

.22 cal. [.224] dia. — 51 gr. flat-base or Boattail $7.50 per 100.

6mm cal. [.243] dia. — 70 gr. flat-base or Boattail $7.75 per 100.

All of my benchrest bullets are made with J-4 bullet jackets. Different combinations of weights and styles (flat-base, boattail, and concave) available upon special request. Send 10 cents postage for detailed information on my complete custom-line of bullets.

All bullets must be shipped to a licensed dealer in your area. Please send signed FFL with order. Please enclose payment and $1.00 postage & handling for orders of 500 bullets or less. For orders of 1,000 bullets or more, please enclose $1.50 per 1,000.

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EVERGLADES BENCH REST CLUB

Sunshine State Invitational
Heavy Varmint Match

The Everglades Bench Rest Club held it's annual Sunshine State Invitational Heavy Varmint Match February 8 and 9th. The shooters experienced pleasant 70 degree temperatures, light switching winds and moderate to heavy mirage.

Les Schimpf from Hollywood, Florida won the 100 yd. agg. and small group, 200 yd. agg. and the grand with a .3877. He was shooting a Seitz chambered McMillan barrel in .223 Young on a 40XB BR Davison sleeved action. His rifle was scoped with a Lyman/Siebert 30X and his load was 25 gr H4895 with 51.8 gr B&A bullets at 100 yds. and 59 gr. Culver 6s bullets at 200 yds.

Second in the grand with a .4582 was Harvey Rosenthal from Miami Beach shooting his new Shilen barreled .308 on a Davison sleeved Rem action. He used Sierra 168 gr. bullets and 3031.

Third was Lowell Adams from Ocala, Florida with a .4687 shooting in his first match. Lowell was shooting a straight factory 40 XB BR in .222 mag., Rem bullets and 26 gr. of 4895.

100 yards

W.U. Harvey Rosenthal ..... .335
1. Leon Weld ..... .306
2. Les Schimpf (small group) .. .241
3. Harvey Rosenthal ..... .317
4. Frosty Schimpf ..... .444
5. Les Schimpf ..... .335

100 yd. agg.

1st Les Schimpf ..... .3622
2nd Lowell Adams ..... .4276
3rd Harvey Rosenthal ..... .4590

200 yards

W.U. Lowell Adams (small group) .433
1. Harvey Rosenthal ..... .715
2. Les Schimpf ..... .623
3. Len Robshaw ..... .795
4. Harvey Rosenthal ..... .827
5. Les Schimpf ..... .582

200 yd. agg.

1st Les Schimpf ..... .4132
2nd Harvey Rosenthal ..... .4573
3rd Lowell Adams ..... .5098

Grand Agg.

1. Les Schimpf ..... .3877
2. Harvey Rosenthal ..... .4582
3. Lowell Adams ..... .4687
4. Len Robshaw ..... .5515
5. Leon Weld ..... .5943
6. Frosty Schimpf ..... .6131
7. Ron Phelps ..... .7816

THIRD ANNUAL
PALMETTO STATE INVITATIONAL
Greenville Gun Club
South Carolina
Sunday, February 23, 1975

This was our first shoot of the year, and we had a very good turn-out considering the bad weather conditions. We had heavy rain for 24 hours, up until noon on Sunday. Heavy fog hung over the range during most of the Sporter Matches, and a few of the shooters complained of having trouble seeing the targets as we were preparing to shoot the first match. Heavy fog moved in again during the late afternoon, creating extremely hazardous driving conditions that night, and I hope all the visiting shooters, some from 150-200 miles away, were able to return home safely.

INDIVIDUAL MATCH RESULTS

Sporter

1. Ed Watson ..... .277
2. Ralph Thomas ..... .307
3. Ed Watson ..... .150
4. James Coffey ..... .298
5. Ed Watson ..... .238

Light Varmint

1. Jackie Whitted ..... .210
2. James Coffey ..... .113
3. Charles Joines ..... .313
4. James Coffey ..... .219
5. Harold Morgan ..... .227

Heavy Varmint

1. Robert Davis ..... .194
2. James Coffey ..... .276
3. Marshall Beam ..... .194
4. Chuck Coffey ..... .263
5. Marshall Beam ..... .166

AGGREGATE WINNERS

Sporter

1. Ed Watson ..... .3554
2. James Coffey ..... .4144
3. Ralph Thomas ..... .4710
4. Harold Morgan ..... .5690
5. Robert Davis ..... DNF
6. Irma Fitton ..... DNF

Light Varmint

1. James Coffey ..... .2760
2. Charles Joines ..... .3570
3. Ralph Thomas ..... .3618
4. Bud Roper ..... .3888
5. Harold Morgan ..... .3994
6. Ed Watson ..... .4142
7. Rocky Bishop ..... .4172
8. Jack Nuyen ..... .4540
9. Chuck Coffey ..... .4700
10. Jackie Whitted ..... .4930
11. Robert Davis ..... .5712

Heavy Varmint

1. James Coffey ..... .3110
2. Marshall Beam ..... .3122
3. Bill Fitton ..... .3140
4. Harold Morgan ..... .3864
5. Jack Nuyen ..... .3920
6. Larry Richey ..... .4002
7. Ralph Thomas ..... .4100
8. Irma Fitton ..... .4336
9. Jackie Whitted ..... .4572
10. Ed Watson ..... .5246
11. Robert Davis ..... .5520
12. Chuck Coffey ..... .5538
13. Rocky Bishop ..... .5896
14. Charles Joines ..... .6916

Ed Watson, Reporter

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(Tentative) IBS Registered Match Schedule 1975

May 3-4	Stonewall Rifle & Pistol Club	EX-BR-HV-LV
May 17-18	Mainville Sportsman Club	HV-LV (200-300 Yds.) BR & EXP.
May 17-18	Gallatin Gun Club	BR-SP, HV-LV
May 31-June 1	Council Cup Rifle Range	EX-BR-HV-LV
June 7	Englishtown BRSA	HV (100 Yd. — PM)
June 14-15	Pine Tree Rifle Club	HV-LV
July 5-6	South Creek Rod & Gun Club	HV-SP-BR (5 shot) Pa. State Championship
July 12-13	Gallatin Gun Club	BR-SP, HV-LV Tenn. State Championship
July 24-25-26-27	Council Cup Rifle Range	HV-LV-SP International Championship
Aug. 9-10	Mainville Sportsmen Club	EX-BR-HV International Championship EX-BR (100-200 Yd.)
Aug. 30-31	Stittsville Shooting Ranges	(EX-BR Combined) HV-LV International Championship 200-300 Yd.
Sept. 6 9 a.m.	Englishtown BRSA	N.J. State Championship 100 Yd. HV
Sept. 14	Everglades Benchrest Club	Experimental
Sept. 20-21	Pine Tree Rifle Club	HV-LV N.Y. State Championship
Oct. 4-5	South Creek Rod & Gun Club	HV-LV-BR (Five Shots)

IBS Hunter Rifle Registered Match Schedule

May 4 .....Sulphur Springs Rifle & Revolver Club
May 11 .....Mainville Sportsman Club
May 18 .....Izaak Walton, York, Pa.
May 25 .....Sulphur Springs Rifle & Revolver Club
June 15 .....Izaak Walton, York, Pa.
June 22 .....Central Penn Rifle Club
June 28 .....Englishtown BRSA (PM)
June 29 .....Sulphur Springs R & R Club
July 12 .....Englishtown BRSA (PM)
July 13 .....Mainville Sportsman Club
July 20 .....Izaak Walton, York, Pa.
July 26 .....Englishtown BRSA (PM)
Aug. 2 .....Englishtown BRSA (PM)
Aug. 3 .....Camillus Sportsman Club
Aug. 3 .....Sulphur Springs
Aug. 16 .....Englishtown BRSA
Aug. 17 .....Izaak Walton, York, Pa.
Aug. 24 .....Central Penn Rifle Club
Sept. 6 .....Englishtown BRSA (5 PM)
Sept. 7 .....Central Penn Rifle Club
Sept. 13-14 ..Mainville Sportsman Club — Hunter Rifle International Championship (100 Yds.)
Sept. 21 .....Izaak Walton, York, Pa. (100 and 200 Yds).
Sept. 27 .....Englishtown BRSA (PM)
Sept. 28 .....Mainville Sportsman Club (200 Yds)
Oct. 5 .....Central Penn Rifle Club
Oct. 12 .....Mainville Sportsman Club
Oct. 19 .....Izaak Walton, York, Pa.